

Declaration and Power of Attorney For Patent Application

特許出願宣言書及び委任状

Japanese Language Declaration

日本語宣言書

下記の氏名の発明者として、私は以下の通り宣言します。

私の住所、郵便の宛先、国籍は下記の私の氏名の後に記載された通りです。

下記の名称の発明に関して請求範囲に記載され、特許出願している発明内容について、私が最初かつ唯一の発明者（下記の氏名が一つの場合）もしくは最初かつ共同発明者（下記の名称が複数の場合）であると信じています。

上記発明の明細書は、

☐ 本書に添付されています。

☐ ____ 月 ____ 日に提出され、米国出願番号または特許協定条約国際出願番号を

____ とし、

(該当する場合) ____ に訂正されました。

私は、特許請求範囲を含む上記訂正後の明細書を検討し、内容を理解していることをここに表明します。

私は、連邦規則法典第 37 編第 1 条 56 項に定義されたとおり、特許資格の有無について重要な情報を開示する義務があることを認めます。

As a below named inventor, I hereby declare that

My residence, mailing address and citizenship are as stated next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled.

NEGATIVE RESISTANCE FIELD-EFFECT ELEMENT

the specification of which

☒ is attached hereto.

☒ was filed on September 28, 2001

as United States Application Number or PCT International Application Number

PCT/JP01/08535 and was amended on

____ (if applicable)

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56.

Japanese Language Declaration (日本語宣言書)

私は、米国法典第 35 編 119 条(a) - (d)項又は 365 条 (b) 項に基づき下記の、米国以外の国の少なくとも一カ国を指定している特許協力条約 365(a)項に基づく国際出願、又は外国での特許出願もしくは発明者証の出願についての外国優先権をここに主張するとともに、優先権を主張している、本出願の前に出願された特許または発明者証の外国出願を以下に、枠内をマークすることで、示しています。

Prior Foreign Application(s)
外国での先行出願

2001-094464 (Number) 番号)	JAPAN (Country) 国名)
(Number) 番号)	(Country) 国名)

私は、第 35 編米国法典 119 条 (e) 項に基づいて下記の米国特許出願規定に記載された権利をここに主張いたします。

(Application No.) (出願番号)	(Filing Date) (出願日)
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私は、下記の米国法典第 35 編 120 条に基づいて下記の米国特許出願に記載された権利、又は米国を指定している特許協力条約 365 条 (c) に基づく権利をここに主張します。また、本出願の各請求範囲の内容が米国法典第 35 編 112 条第 1 項又は特許協力条約で規定された方法で先行する米国特許出願に開示されていない限り、その先行米国出願書提出日以降で本出願書の日本国内または特許協力条約国際提出日までの期間中に入手された、連邦規則法典第 37 編 1 条 56 項で定義された特許資格の有無に関する重要な情報について開示義務があることを認識しています。

(Application No.) (出願番号)	(Filing Date) (出願日)
(Application No.) (出願番号)	(Filing Date) (出願日)

私は、私自身の知識に基づいて本宣言書で私が行なう表明が真実であり、かつ私の入手した情報と私の信じていること、さらに故意になされた虚偽の表明及びそれと同等の行為は米国法典第 18 編第 1001 条に基づき、罰金または拘禁、もしくはその両方により処罰されること、そしてそのような故意による虚偽の声明を行なえば、出願した、又は既に許可された特許の有効性が失われることを認識し、よってここに上記のごとく宣誓を致します。

I hereby claim foreign priority under Title 35, United States Code, § 119 (a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed.

Priority Claimed
優先権主張

29 / March / 2001 (Day/Month/Year Filed) 出願年月日)	<input checked="" type="checkbox"/> Yes はい	<input type="checkbox"/> No いいえ
(Day/Month/Year Filed) 出願年月日)	<input type="checkbox"/> Yes はい	<input type="checkbox"/> No いいえ

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below.

(Application No.) (出願番号)	(Filing Date) (出願日)
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I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s), or § 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application.

(Status: Patented, Pending, Abandoned) (現況：特許許可済、係属中、放棄済)
(Status: Patented, Pending, Abandoned) (現況：特許許可済、係属中、放棄済)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Japanese Language Declaration (日本語宣言書)

委任状：私は下記の発明者として、本出願に関する一切の手続きを米特許商標局に対して遂行する弁理士または代理人として、下記の者を指名いたします。
(弁理士、または代理人の指名及び登録番号を明記のこと)

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith: (list name and registration number)



022850

書類送付先

Send Correspondence to:



022850

直接電話連絡先：(名前及び電話番号)

Direct Telephone calls to: (name and telephone number)

(703) 413-3000

単独発明者または第一の共同発明者の氏名	Full name of sole or first inventor Mutsuo OGURA
発明者の署名 日付	Inventor's signature Date <i>Mutsuo Ogura</i> September 12, 2003
住所	Residence Tsukuba, Ibaraki, JAPAN
国籍	Citizenship JAPAN
郵便の宛先	Mailing Address 935-1, Azuma 3-chome, Tsukuba-shi, Ibaraki 305-0031, JAPAN

第二の共同発明者の氏名	Full name of second joint inventor, if any Takeyoshi SUGAYA
第二の共同発明者の署名 日付	Second inventor's signature Date <i>Takeyoshi Sugaya</i> September 12, 2003
住所	Residence Tsukuba, Ibaraki, JAPAN
国籍	Citizenship JAPAN
郵便の宛先	Mailing Address 305-302, Matsushiro 3-chome, Tsukuba-shi, Ibaraki 305-0035, JAPAN

第三以降の共同発明者についても同様に記載し、署名すること)

(Supply similar information and signature for third and subsequent joint inventors.)

Japanese Language Declaration (日本語宣言書)

第三の共同発明者の氏名	Full name of third joint inventor, If any Kee-Youn Jang
第三の共同発明者の署名 日付	Third inventor's signature Date <i>Kee-Youn Jang</i> September 12, 2003
住所	Residence Tsukuba, Ibaraki, JAPAN
住所	Citizenship KOREA
郵便の宛先	Mailing Address Hanahata Haitzu 301, 1-9-40 Hanahata, Tsukuba-shi, Ibaraki 305-3261, JAPAN

第四の共同発明者の氏名	Full name of fourth joint inventor, If any Yoshinobu SUGIYAMA
第四の共同発明者の署名 日付	Fourth inventor's signature Date <i>Yoshinobu Sugiyama</i> September 12, 2003
住所	Residence Tsukuba, Ibaraki, JAPAN
住所	Citizenship JAPAN
郵便の宛先	Mailing Address 3-27-5 Ninomiya, Tsukuba-shi, Ibaraki 305-0051, JAPAN

第五の共同発明者の氏名	Full name of fifth joint inventor, If any
第五の共同発明者の署名 日付	Fifth inventor's signature Date
住所	Residence
住所	Citizenship
郵便の宛先	Mailing Address

第六の共同発明者の氏名	Full name of sixth joint inventor, If any
第六の共同発明者の署名 日付	Sixth inventor's signature Date
住所	Residence
住所	Citizenship
郵便の宛先	Mailing Address

第七以降の共同発明者についても同様に記載し、署名すること)

(Supply similar information and signature for seventh and subsequent joint inventors.)

DOCKET NO.: 241082US2XPCT

IN THE UNITED STATES PATENT & TRADEMARK OFFICE

IN RE APPLICATION OF: Mutsuo OGURA et al.

SERIAL NO.: New U.S. PCT Application based on PCT/JP01/08535

FILING DATE: Herewith

FOR: NEGATIVE-RESISTANCE FIELD-EFFECT DEVICE

COPY

DECLARATION OF Takeyoshi SUGAYA

I, Takeyoshi SUGAYA, am the second-named inventor of the above-identified application which is the national phase of International PCT Application No. PCT/JP01/08535, filed September 28, 2001.

It has been brought to my attention that my first name was spelled incorrectly in the International application due to an error in translation. Specifically, my first name was spelled "Takehiko." My true and correct name is Takeyoshi SUGAYA, which has been set forth on the Declaration, Power of Attorney and Petition filed Herewith.

I declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Date: September 12, 2003

Takeyoshi Sugaya
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